

## Message Text

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42

ACTION OC-03

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FM AMEMBASSY ATHENS

TO SECSTATE WASHDC 6270

INFO AMEMBASSY BEIRUT

AMEMBASSY KUWAIT

C O N F I D E N T I A L ATHENS 8205

E.O. 11652: GDS

TAGS: ACOM

SUBJ: ATO SURVEY OF THIRD FLOOR CONSTRUCTION AT DOHA

REFS: A. D5311-52 S/A-01X DRAWINGS (BEING POUCHED)

B. DO-04 ORIGINAL SURVEY

KUWAIT FOR DOHA, KUWAIT FOR RSO, BEIRUT FOR RCO

FROM ATO

1. ATO ENGINEER JOSEPH D. ZANIN PERFORMED AN ATO SURVEY FOR THE PERMANENT CCC INSTALLATION AT DOHA 7 - 9 OCTOBER 1974. FOLLOWING ARE THE RESULTS OF THAT SURVEY:

A. THE BUILDING AS BUILT CONFLICTED WITH DRAWINGS SENT OUT AS PART OF THE CONSTRUCTION PACKAGE. SEE REF A FOR PROPER LAYOUT. NOTE PLACEMENT OF AIR CONDITIONING UNIT WITH PENETRATION TO 2ND FLOOR, LOCATION OF WATER TANKS ON ROOF, EXISTING WASH ROOM, PARTIAL ROOF OVER THE AREA, VENT PIPE LOCATION, THREE AND ONE HALF FOOT WALL AROUND ROOF AND EIGHT FOOT INSET ON THE FRONT OF BUILDING.

B. TRIAD CICO, A LOCAL A&E FIRM WAS CONSULTED ABOUT THE MOVEMENT OF RELOCATION OF THE AIR CONDITIONER, CONFIDENTIAL

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WATER TANKS AND VENT PIPES. ALL UNITS COULD BE MOVED TO A HIGHER ROOF LOCATION. THE AIR CONDITIONER MOVEMENT WOULD LEAVE APPROXIMATELY A FOUR BY FOUR FOOT VERTICAL AIR DUCT IN ROOM 6 OF THE ORIGINAL DRAWING; THEREFORE, ATO WOULD RECOMMEND LEAVING THE AIR CONDITIONER IN PLACE IF THE THIRD FLOOR IS BUILT. DISCUSSION ALSO CENTERED ON THE PRESENT FLOOR LOADING OF THE ROOF. THEIR ESTIMATE WAS 35 - 40 POUNDS PER SQUARE FOOT ROOF LOADING AT THE PRESENT TIME. THIS IS PRESENTLY BEING CONFIRMED BY THE GSO AT DOHA. WE WILL ADVISE WHEN CONFIRMED.

C. ORIGINAL CONSTRUCTION NOTES CALL FOR A POURED CONCRETE, REINFORCED WALL WITH TEN FOOT CEILING HEIGHTS WITHIN THE AREA. THIS WOULD ENTAIL REMOVAL OF THE EXISTING PERIMETER WALL, PARTIAL ROOF AND WASH ROOM. ATO RECOMMENDS THE USE OF EIGHT INCH CONCRETE BLOCKS WITH CONCRETE FILLED CORES AND 1/2 INCH STEEL REINFORCING RODS SPACED HORIZONTALLY AND VERTICALLY 6 TO 8 INCHES ON CENTER; ALSO USE OF STEEL SHEETS IN THE AREA OF THE STAIRWELL AND WASH ROOM TO MEET SECURITY REQUIREMENTS. SECONDLY, IF ACCEPTABLE ATO WOULD RECOMMEND RETAINING THAT PORTION OF THE OVERHANGING ROOF DEFINED BY THE STAIRWELL/WASH ROOMS WALLS AND SUPPORTING PILLARS WHICH HAS AN INTERNAL HEIGHT OF 7 FEET 10 INCHES. THE PRESENT OVERHANGING ROOF IS APPROXIMATELY 4 INCHES OF REINFORCED CONCRETE.

D. WHILE AT DOHA, ATO RECEIVED CONCURRENCE FROM THE AMBASSADOR TO USE ONE HALF OF THE EXISTING TWO CAR GARAGE FOR OUR EMERGENCY GENERATOR ROOM. REF B.

2. FOLLOWING ARE TWO ALTERNATIVES FOR THE CCC AREA AT DOHA FOR DEPARTMENT'S CONSIDERATION:

A. THE FIRST ALTERNATIVE WOULD BE TO USE THE ORIGINAL FLOOR PLAN WHICH WOULD ENTAIL INSTALLING A SUPPORT BEAM ACROSS THE OPEN SPAN IN THE FRONT OF THE BUILDING. ATO HAS ELIMINATED THIS DESIGN AS NOT COST EFFECTIVE TO IMPLEMENT.

B. ALTERNATIVE TWO AS SHOWN ON REF A WOULD INCORPORATE ALL RECOMMENDATIONS CITED ABOVE AND  
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REALIGN THE ROOM ASSIGNMENTS AS INDICATED. ROOM 1, THE ENTRANCE FOYER; ROOM 2, THE MOTOR GENERATOR ROOM; ROOM 3, THE TELEPHONE ROOM; ROOM 4, THE DISINTEGRATOR; ROOM 5, THE LAVATORY. ROOM 6 TCU WOULD HOUSE THE HF AND SC-1 WHEN INSTALLED. ROOM 7 TCU WOULD BE USED AS OFFICE, WORK AREA AND STORAGE. ROOM 8 C&R, ROOM 9 C&R AND FINALLY THE AREA FOR THE SHIELDED ENCLOSURE.

ATO WOULD ENVISION THE NEWLY CONSTRUCTED ROOF AREA TO HAVE A PERIMETER WALL CONFORMING TO THE PRESENT DESIGN. ATO RECOMMENDS THIS PROPOSAL WITH OR WITHOUT AN ENCLOSURE.

3. REGARDLESS OF WHICH ALTERNATIVE IS ADOPTED DUE TO THE VARIETY OF CONSTRUCTIONAL DETAIL DRAWINGS INVOLVED, ATO RECOMMENDS USE OF AN A&E FIRM FOR CONSTRUCTION DRAWINGS. TRIAD CICO IS BEING QUERIED BY THE GSO FOR AN ESTIMATED COST ON THIS TYPE OF JOB AND ATO IS ALSO AWARE THAT BASIL INC. (MAIN OFFICE IN ATHENS) IS PERFORMING WORK NEAR DOHA AND MIGHT TAKE ON THIS TYPE OF JOB.  
KUBISCH

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NNN

\*\*\* Current Handling Restrictions \*\*\* n/a

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